

WINDSTORM EVENT FILE
Institute for Disaster Research
Lubbock, Texas

Type of Storm Tornado
 Location Hereford, Texas
 Date April 18, 1971 Time: 12:50 am Time Zone
 Survey Team Whitehead, Whitman, McDonald, Traylor Dates of Survey April 22

Brief Description of Event: _____

Information on File	Description	Storage Location
Slides (seq. nos.)	001-053	1
Prints, B&W (seq. nos.)	401-411	1
Prints, color (seq. nos.)		
Commercial aerial photos		
Tape cassettes		
TV cassettes		
Movies		
Maps	804-807, County, City, Storm Path maps	2
Sketches		
Surveys		
Calculations		
Trip log		
Photo log		
Correspondence		
Reports	"The Hereford Tornado" by Dr. McDonald	4
Other (specify)	KPAN Radio-Gram	2
Other (specify)	Newspaper Clippings	2
Other (specify)		

Notes: _____

Storage Location Code:

- | | |
|-------------------------|-------------------------------------|
| 1 - Photo Log Notebooks | 4 - Specify <u>Wind Library, 4D</u> |
| 2 - File Cabinet | 5 - Specify _____ |
| 3 - Map Case | |

Make two copies of this form and file:

1. Windstorm Event File Cabinet
2. Photo Log Notebook

WINDSTORM EVENT FILE

Institute for Disaster Research
Lubbock, Texas

Type of Storm: Tornado

Location: Hereford, Texas

Date: April 18, 1971 Time: 12:50 am Time Zone: _____

Survey Team: Whithead, Whitman, McDonald, Traylor Dates of Survey: April 22, 1971

Extent of Storm Damage

	SEVERE	MODERATE	MINOR
Houses:			
1-Story	*	*	*
2-Story			
3 or more			
Trailer Homes	*	*	*
Apartments \ Hotels			
Multi-Level Structures			
Wooden Structures	*	*	*
Metal Structures		*	*
Concrete \ Masonry Structures			
Churches			
Schools			
Hospitals			
Recreational Facilities			
Industrial		*	*
Companies			
Stores			
Restaurants			
Malls			
Other Businesses			*
Warehouse			
Storage Facilities		*	
Utility Poles			
Signs			
Water Towers			
Automobiles		*	*
Air Planes			
Trailers \ Equipment		*	
Transportation Facilities		*	
Transportation Structures			
Fencing \ Barriers	*	*	*
Airborne Missiles			
Trees		*	*
Miscellaneous	*	*	*

WINDSTORM EVENT FILE

Institute for Disaster Research
Lubbock, Texas

Type of Storm: Tornado

Location: Hereford, Texas

Date: April 18, 1971 Time: 12:50 am Time Zone: _____

Survey Team: Whithead, Whitman, McDonald, Traylor Dates of Survey: April 22, 1971

Item #	Item Description
54.170.001	Front view of a house, having a main section of its roof removed.
54.170.002	Rear view of a house, where its roof has been completely removed along with the back and right side exterior walls. The exterior walls, that were destroyed, seem to have been pushed outwards ripping the base plate from the foundation. There is also a small section where foundation has sheared in the rear right side corner of the house. All interior walls, except one small room in the front left side corner of the house, were also completely destroyed.
54.170.003	A damaged foundation that is missing its structure.
54.170.004	Couple of damaged vehicles along with other household items piled up by the storm.
54.170.005	Roof damage on a small house, where shingles and rolling paper have been removed. Also shows a fence that has been completely destroyed along with minor tree damage. There is also a small car that has severe window damage.
54.170.006	Small house knocked off its foundation that has been stripped of its exterior siding. Structure seems to be intact.
54.170.007	Shows a section of a trailer that has had its skirt removed and damaged.
54.170.008	A picture of fence posts remaining without its fence. Also a trailer in the background with window and skirt damage.
54.170.009	A small storage shed rolled over on its side, next to a house with roof and siding damage.
54.170.010	A distant view of a small trailer park that was damaged by the storm.
54.170.011	A view from the interior of a business that is missing its roof. There is also a steel column that has been displaced and other structural damage.
54.170.012	The front of a small business that has had its windows blown in with other internal damage.
54.170.013	Shows a concrete mix plant suffering from structural damage, and two sections of reinforced concrete block wall that were damaged and are missing sections.
54.170.014	Small car dealership with cars that have dented hoods and busted wind shields. Cars also suffer from other widow damage, scratches, and minor dents. There is also a business in the background with broken pane glass windows.
54.170.015	Shows passenger side window damage on a car.
54.170.016	Shows an abrasion from thrown debris on the passenger side door of a car.
54.170.017	A residential area that shows a section of houses that have portions of their roofs missing or damaged.
54.170.018	A picture taken from the interior of a house that shows a small section of its ceiling that was removed.
54.170.019	A distant shot of houses in the background that suffer from minor damage.
54.170.020	Small camper trailer that was flipped over on its top.
54.170.021	A house or trailer that was rolled over on its top and destroyed.
54.170.022	A picture where the roof overhang on a house has been destroyed, and the rafters and joists are exposed. There are also garage doors that have been off hinged with broken windows.

54.171

54.170.023	Shows roof damage from a different view of the house in slide (54.170.022) located on Star St. and Ave K.
54.170.024	A house with a section of its roof and rafters torn off exposing the beams and joists. There is also siding that has been stripped away along the roof, and a broken window canopy and windows. On Star St. and Ave K.
54.170.025	Two houses with large sections of their roofs removed exposing the beams and joists. On Star St. and Ave K.
54.170.026	A car with numerous dents and abrasions with its tires flat. On Star St. and Ave K.
54.170.027	Frontal view of the car in slide (54.170.026) showing spattered mud and dirt from the storm. On Star St. and Ave K.
54.170.028	A picture of a house that has had its broken windows boarded up, and has minor shingle damage to its roof. On Star St. and Ave K.
54.170.029	Front view of a house showing the complete removal of the right exterior wall between the foundation and the top plate. There is also structural damage to the front right side corner next to the garage door, where the wall has lifted up and separated from the foundation. On Star St. and Ave K.
54.170.030	Section of the roof and overhang torn away exposing the interior structure of the attic. On Star St. and Ave K.
54.170.031	A section of Star St. showing houses with broken windows, minor roof, and structural roof damage.
54.170.032	Missing shingles on an exterior door overhang. On Star St. and Ave K.
54.170.033	A house that has had its roof removed exposing its structural framing. There is also a small window canopy that was torn free hanging by one edge. On Star St. and Ave K.
54.170.034	A house with its left-side wall collapsed on the ground exposing the interior of the house. The collapsed wall was separated from its base plate. The house also had its roof removed exposing the beams and joists. On Star St. and Ave K.
54.170.035	A view behind the house in slide (54.170.034) showing the remains of the roof on top of a collapsed wooden fence. It also shows the remains of another house with one of its walls and roof destroyed.
54.170.036	Illustrates the remains of chain link fence that has been bent over to one side by the strong winds. On Star St. and Ave K.
54.170.037	Shows an exterior wall of a house that has been bowed inward, and severe roof damage. On Star St. and Ave K.
54.170.038	An alley view, alongside the structure in slide (54.170.037) that illustrates damage to fences and small storage facilities.
54.170.039	Illustrates the destruction of wooden fences and sections of reinforced concrete block fences. On Star St. and Ave K.
54.170.040	Shows a house with its exterior roofing torn off exposing the interior structure. On Star St. and Ave K.
54.170.041	A small camper trailer rolled over on its top. On Star St. and Ave K.
54.170.042	Shows a view of fence posts remaining from wooden fences, and a house in the distance with the middle section of its roof destroyed. On Star St. and Ave K.
54.170.043	Collapsed exterior bricking on a house. Rear right side corner of the roof has been separated from the wall at the top plate. Right side of the exterior roofing has been ripped away exposing the internal structure. Windows in front of the house are all broken. On Star St. and Ave K.
54.170.044	A right side view of slide (54.170.043) showing a better illustration of the roof damage.
54.170.045	Structural damage to unreinforced concrete block wall, and peeling of aluminum steel roof. Cement plant Hwy. 60.

54.171

54.170.046	Structural damage to a building constructed of reinforced concrete block wall, and sections of unreinforced concrete block wall that extend out from the building. Cement plant Hwy. 60.
54.170.047	Rear of a bus station café on Hwy. 60, illustrating missing walls and roof sections.
54.170.048	Front view of slide (54.170.047), showing steel girders dislodged by the storm.
54.170.049	Illustrates exterior roof damage to a couple of houses in the view. South of Hwy. 60.
54.170.050	Opposite view of slide (54.170.049), showing a small storage shed rolled over on its side. There is also a big hole in the corner of the bordering house, along with a portion of missing over hang.
54.170.051	Different view of the house in slide (54.170.050), showing how the rear portion of the house was rotated off of its foundation.
54.170.052	Shows the front section of trailer home that remains standing, while missing its middle section and the bottom half of its trailer. South of Hwy. 60.
54.170.053	Rear section of the trailer home in slide (54.170.052), twisted at an angle hanging from its trailer.
54.170.401-D	Rear view of a house, where its roof has been completely removed along with the back and right side exterior walls. The exterior walls, that were destroyed, seem to have been pushed outwards ripping the base plate from the foundation. There is also a small section where foundation has sheared in the rear right side corner of the house. All interior walls, except one small room in the front left side corner of the house, were also completely destroyed.
54.170.402	Distant view of a damaged trailer park. There are a couple of trailer homes that were twisted up, and have been off leveled by the storm.
54.170.403	Front view of an unleveled trailer home with broken windows. There is also a small picket fence in front of the trailer that was knocked down.
54.170.404	Illustrates a trailer home that had its middle section blown outward forming a protruding hole in its side. The steel frame of the trailer is twisted upwards with the home detaching at points.
54.170.405	Shows a trailer home that was flipped onto its left side. Tearing out the middle section of the home. At the front end, the siding along the roof was stripped away exposing the insulation. The front window was also broken.
54.170.406	This photo illustrates a wider view of the trailer home in photo (54.170.405). It also shows the trailer from the trailer home lying on debris at an angle next to the home.
54.170.407	Side view of trailer home in photo (54.170.405).
54.170.408	Section of a trailer home that has the majority of its right side and roof torn away. The walls were separated from the base of the floor, and the base of the floor is rotated at an angle, while still sitting on the trailer. Remaining walls have sections that have been peeled back exposing the wall structure and insulation.
54.170.409	A wider view of the trailer home depicted in photo (54.170.406).
54.170.410	Shows an interior view of a trailer home that has been destroyed, exposing the gas lines and electrical wiring.
54.170.411	A view looking at the exterior wall from the inside of a totaled trailer home. The walls interior facing and insulation have been ripped away, exposing the interior wall structure and electrical wiring.

54.171